**Animal Characteristics**

**Development**:

Ectoderm: **skin and nervous system**

Endoderm:  **digestive tract**

Mesoderm: **muscular, circulatory, excretory**

**Skeletal Systems**:

1. Exoskeleton: **outside**

2. Endoskeleton: **inside**

Vertebrate: **backbone**

Invertebrate: **no backbone**

**ALL**

* Eukaryotic: **Nucleus**
* Multicellular
* Heterotrophic

**Symmetry**:

1. **Asymmetry**: no symmetry

2. **Radial Symmetry**: **cut it along a central disk you will get equal parts.**

3**. Bilateral Symmetry**: Mirror images

Fertilization:

1. Internal: **occurs inside the organism**

2. External: **occurs on the outside**

Metamorphosis:

1. Complete: **the juvenile is not the same as the adult.**

2. Incomplete: **juvenile is a smaller version of the adult**